Draft Outdoor Air Analytical Results Fruitland Magnesium Fire

Table 2

				Maywood, Los	Angeles County, Californ	ia					
	Home:	Ex. 6 - Personal Privacy									
	Field Sample ID:	MWF-METALS-001 / MWF-HCN-001	MWF-METALS-002 / MWF-HCN-002	MWF-METALS-003 / MWF-HCN-003	MWF-METALS-004 / MWF-HCN-004	MWF-METALS-005	MWF-METALS-006	MWF-METALS-007	MWF-METALS-008		
	Sample Date:	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016		
	Laboratory Job										
	Number: Adult / Child /	82527	82527	82527	82527	82549	82549	82549	82549		
	Duplicate:										
Parameters	Units										
Hydrogen Cyanide / NIOSH-6010	mg/m³	ND<0.125	ND<0.125	ND<0.125	ND<0.125						
Metals / NIOSH-7303	`,'										
Aluminum	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	0.992	1.25	1.69	0.345		
Antimony	μg/m³	ND<0.25	5.43	ND<0.25	ND<0.25	0.412	ND<0.25	ND<0.25	ND<0.25		
Arsenic	μg/t			ND<0.25	5	NI	0.25		ND<0.25		
Barium	μg/ı		0.23	79		(), 55	0.25		ND<0.25		
Beryllium	μg/t	ND<0.25	0.25	25		NI	ND<0.25	D<0.25	ND<0.25		
Cadmium	μg/r	ND<0.25	4	15	D<0.	NI	ND<0.25	D<0.25	ND<0.25		
Calcium	μg/i	ND<0.25	0.25	25	5.55		5.49	8.08	2.69		
Chromium	μg/r	1.53		6	1.42	NI	ND<0.25	D<0.25	0.646		
Cobalt	μg/r	ND<0.25		ND<0.25	ND<0.25	NI	D<0.25	D<0.25	ND<0.25		
Copper	μg/r	ND<0.25	5	ND<0.25	ND-0.25		ND<0.25	D<0.25	ND<0.25		
ron	μg/1	3.14	0.25	ID<0.25			0.895	4.10	ND<0.25		
Lead	μg/r	ND<0.25	6	<0.25	ND<0.25		ND<0.25	D<0.25	ND<0.25		
Magnesium	μg/r	1.16	0		1.36		2.47	2.11	0.386		
Manganese	μg/i		0.25	1	ND<0.25	NI	ND<0.25	D<0.25	ND<0.25		
Molybdenum	μg/ι π	1.25	0.25	ND 0.20	ND<0.25	NI O.23	ND<0.25	D<0.25	ND<0.25		
Nickel	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
Potassium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	7.43	0.432	0.887	ND<0.25		
Selenium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
Sodium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	5.82	7.01	8.44	2.41		
Thallium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
Vanadium	μg/m³	0.399	0,405	1.81	0.327	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
Zinc	μg/m³	ND<0.25	6.25	ND<0.25	0.423	6.52	ND<0.25	0.307	ND<0.25		

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mg/m³ = milligram per cubic meter $\mu g/m^3$ = microgram per cubic meter

Bold results exceed applicable limits for characteristic hazardous wastes

ND=X = constituents(s) not detected at or above method detection limit

* = Target analyte was detected in the batch field blank(s) and subtracted by the field blank concentration per NIOSH Method 7300

J = analyte was detected. However, analyte concentration is an estimated value which is between the method detection limit (MDL) and the practical quantitation limit (PQL)

Table 2 Draft Outdoor Air Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

			-	Inay wood, I	Los Angeles County, Came	Ji ii ii			
	Home:				Ex. 6 - Pe	ersonal Privacy			
	Field Sample ID:	MWF-METALS-009	MWF-METALS-010	MWF-METALS-022	MWF-METALS-031	MWF-METALS-032	MWF-METALS-033	MWF-METALS-034	MWF-METALS-035
	Sample Date:	6/16/2016	6/16/2016	6/17/2016	6/18/2016	6/18/2016	6/20/2016	6/19/2016	6/19/2016
	Laboratory Job								
	Number:	82565	82565	82565	82565	82565	82717	82565	82565
	Adult / Child / Duplicate:								
Parameters	Units								
/drogen Cyanide /	mg/m³								
etals / NIOSH-7303(
luminum	μg/m³	1.22	0.643	1,33	0.804 *	0.468 *	ND<0,25	0.649	0.539
ntimony	μg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
senic	μg/r	25		ND<0.25	5	NI	0.25		ND<0.25
rium	μg/t		92,5,25	0.25			0.25		ND<0.25
ryllium	μg/r	ND<0.23).25	25	A548	NI	ND<0.25	D<0.25	ND<0.25
dmium	μg/r	ND<0.25).25	N 2 25	D<0.	NI	ND<0.25	D<0.25	ND<0.25
lcium	μg/i	7.87 *	*		0.853		2.43	1.76 *	1.02 *
ıromium	μg/r	ND<0.25	0.25	0.25	0.445 *	ND *	0.405	D<0.25 *	ND<0.25 *
balt	μg/t	ND<0.25		ND<0.25	ND<0.25	NI	D<0.25	D<0.25	ND<0.25
ppper	μg/t	ND<0.25	0.25	ND<0.25	ND<0.25	NI	ND<0,25	D<0.25	ND<0.25
n	μg/i	1.50 J	6 Ј	1.53	- /4.40		0.899	D<0.25	ND<0.25
ad	μg/r	ND<0.25).25	<0.25	ND<0.25	NI	ND<0.25	D<0.25	ND<0.25
agnesium	μg/r	7.91	14		2.62		1.03	0.760	0,690
anganese	μg/t		0.25		ND<0.25		ND<0.25	D<0.25	ND<0.25
olybdenum	μg/m	0.25	0,25	ND 5,2,	ND<0.25	NI NI	ND<0,25	D<0,25	ND<0.25
ckel	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
tassium	μg/m ³	ND<0.25	ND<0.25	1.07	ND<0.25	1.38	ND<0.25	ND<0.25	ND<0.25
lenium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
dium	μg/m ³	3.80	3.71	4.20 *	2.35 *	1.93 *	3.20	2.02	1.86
allium	μg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0,25	ND<0.25	ND<0.25
ınadium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
nc	μg/m³	0.295	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25

Notes:

Bold results exceed applicable limits for chare ND<X = constituents(s) not detected at or about a Target analyte was detected in the batch find J = analyte was detected. However, analyte co

DRAFT - DO NOT REPRODUCE

 $mg/m^3 = milligram per cubic meter$ $\mu g/m^3 = microgram per cubic meter$

Table 2 Draft Outdoor Air Analytical Results Fruitland Magnesium Fire

				Maywood,	Los Angeles County, Calif	ornia ornia							
	Ноте:		Ex. 6 - Personal Privacy										
	Field Sample ID:	MWF-METALS-036	MWF-METALS-037	MWF-METALS-038	MWF-METALS-043	MWF-METALS-046	MWF-METALS-047	MWF-METALS-068	MWF-METALS-069				
	Sample Date:	6/20/2016	6/20/2016	6/20/2016	6/20/2016	6/22/2016	6/22/2016	6/23/2016	6/23/2016				
	Laboratory Job Number:	02515	02717	02515	02515	02724	02724	92746	02746				
	Adult / Child /	82717	82717	82717	82717	82731	82731	82746	82746				
	Duplicate:												
Parameters	Units												
Hydrogen Cyanide / NIOSH-6010	mg/m³												
Metals / NIOSH-7303(
Aluminum	μg/m³	ND<0.25	ND<0.25	0.347	ND<0.25	ND<0.25	0.303	0.334	0.497				
Antimony	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25				
Arsenic	μg/i	25		ND<0.25	5	NI	0.25		ND<0.25				
Barium	μg/t		9.23	0.25		NI	0.25		ND<0.25				
Beryllium	μg/r	ND<0.23).25	25		NI	ND<0.25	D<0.25	ND<0.25				
Cadmium	μg/i	ND<0.25	0.25	N 25	D<0.	NI	ND<0.25	D<0.25	ND<0.25				
Calcium	μg/i	2.43	8		1.42	1	5.44 *	1.14 *	1.43 *				
Chromium	μg/r	0.395	32	46	0.304	ND *	ND<0.25 *	D<0.25	ND<0.25				
Cobalt	μg/t	ND<0.25		ND<0.25	ND<0.25	NI	D<0.25	D<0.25	ND<0.25				
Copper	μg/1	ND<0.25	0.25	ND<0.25	ND<0.25	NI	ND<0.25	D<0.25	ND<0.25				
Iron	μg/ı	ND<0.25	51	ID<0.25		NI	0.480	D<0.25	ND<0.25				
Lead	μg/r	ND<0.25	0.25	<0.25	ND<0.25	NI	ND<0.25	D<0.25	ND<0.25				
Magnesium	μg/ı	0.849	12		0.792		0.764	0.467	0.626				
Manganese	μg/t		0.25	Ţ ,	ND<0.25	NI	ND<0.25	D<0.25	ND<0.25				
Molybdenum	μg/r n	1.25	0.25	ND-0,20	ND<0.25	NI NI	ND<0.25	D<0.25	ND<0.25				
Nickel	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25				
Potassium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	1.29	1.52	ND<0.25	ND<0.25				
Selenium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25				
Sodium	μg/m³	0.923	1.36	2.85	2.80	0,301	2.80	1.91	2.20				
Thallium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25				
Vanadium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25				
Zinc	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	0.364	ND<0.25	ND<0.25				

Notes:
Bold results exceed applicable limits for char
ND<X = constituents(s) not detected at or above a Target analyte was detected in the batch fi
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Table 2 Draft Outdoor Air Analytical Results
Fruitland Magnesium Fire

				Maywood, Lo	os Angeles County, Califor	nia						
	Home: Ex. 6 - Personal Privacy											
	Field Sample ID: N	AWF-METALS-107	MWF-METALS-108	MWF-METALS-120	MWF-METALS-121	MWF-METALS-146	MWF-METALS-147	MWF-METALS-148	MWF-METALS-149			
	Sample Date:	6/24/2016	6/24/2016	6/25/2016	6/25/2016	6/26/2016	6/26/2016	6/27/2016	6/27/2016			
	Laboratory Job Number:	82851	82851	82856	82856	82856	82856	82873	82873			
	Adult / Child /	82851	82851	82850	82830	82830	82850	82873	828/3			
	Duplicate:											
Parameters	Units											
Hydrogen Cyanide / NIOSH-6010	mg/m³											
103H-0010 1etals / NIOSH-7303									1			
Aluminum	μg/m³	0.298 *	0.405 *	ND<0.25	ND<0.25	ND<0.25	ND<0.25	0.427 *	0.328 *			
Intimony	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			
rsenic	μg/m³		1	VD<0.25		NI	0.25		ND<0.25			
arium	μg/m³		1	25	A	NE	0.25		ND<0.25			
Beryllium	μg/m ²	ND<0.25	N 25	N 5	*	NE	ND<0.25	JD<0.25	ND<0.25			
`admium	μg/m³	ND<0.25	N 25	NI	D <0.2	NE	ND<0.25	ND<0.25	ND<0.25			
Calcium	μg/m ³	1.13 *		Ŋ	0.585 *		8.61	2.64 *	1.27 *			
hromium	μg/m³	ND<0.25 *	N 5 *	.25	ND<0.25	0	0.27	0.407	ND<0.25			
Cobalt	μg/m³	ND<0.25	1	10<0.25	ND<0.25	NE	JD<0.25	JD<0.25	ND<0.25			
Opper	μg/m ³	ND<0.25	1 25	ND<0.25	ND<0.25	NE	ND<0.25	JD<0.25	ND<0.25			
ron	μg/m³	ND<0.25	J	0.444		NI	ND<0.25	1.16	0.940			
ead	μg/m³	ND<0.25	N 25	0.25	ND<0.25	NE	ND<0.25	VD<0.25	ND<0.25			
fagnesium -	μg/m³	0.473 *	*		0.574	O S	0.910	0.650 *	0.568 *			
langanese	μg/m³		N 25	N.	ND<0.25	NE	ND<0.25	JD<0.25	ND<0.25			
Iolybdenum	μg/m ³	0.25	N.2-0,25	ND-	ND<0.25	ND	ND<0.25	ND<0.25	ND<0.25			
lickel	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			
otassium	μg/m³	ND<0.25	ND<0.25 *	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			
elenium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			
odium	μg/m³	2.80	2.49	1.32	3.20	5.20	1.52	0.517 *	ND<0.25 *			
hallium	μg/m³	ND<0.25	ND<0.25	ND<0,25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			
anadium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			
Zinc	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			

Notes:

Bold results exceed applicable limits for chare ND<X = constituents(s) not detected at or abate = Target analyte was detected in the batch find J = analyte was detected. However, analyte co

DRAFT - DO NOT REPRODUCE

mg/m³ = milligram per cubic meter

 $\mu g/m^3 = microgram \; per \; cubic \; meter$

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Table 2 **Draft Outdoor Air Analytical Results**

			N	Fruitland Magnesio Maywood, Los Angeles Cou							
	Ex. 6 - Personal Privacy										
	Field Sample ID:	MWF-METALS-200	MWF-METALS-201	MWF-METALS-207	MWF-METALS-208	MWF-METALS-209	MWF-METALS-210	MWF-METALS-211			
	Sample Date:	6/27/2016	6/27/2016	6/30/2016	6/30/2016	7/1/2016	7/1/2016	7/2/2016			
	Laboratory Job										
	Number: Adult / Child /	82873	82873	82950	82950	82954	82954	82955			
	Duplicate:										
Parameters	Units										
ydrogen Cyanide /					<u> </u>						
IIOSH-6010	mg/m³										
1etals / NIOSH-7303(N	<i>'</i>										
Aluminum	μg/m³	ND<0.25 *	ND<0.25 *	0.418	0.349	0.409	0.372	ND<0.25			
ntimony	μg/m³	ND<0.25	ND<0.25	ND<0,25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			
rsenic		ND<0.25		ND<0.25	ND<0.25			ND<0.25			
arium	μg/ш	ND<0.25	110-0.23	ND<0.25	ND<0.25			ND<0.25			
Beryllium	μg/m³	<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			
Cadmium	$\mu g/m^3$	0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			
Calcium	$\mu g/m^3$	*	0.939 *	3.42	10.2	3.53	3.25	0.710			
Chromium	$\mu g/m^3$	25	ND<0.25	ND<0.25	VD<0.25	ND<0.25	ND<0.25	ND<0.25			
Cobalt	μg/m ³	1 25		ND<0.	P<0.25		ND<0.25	ND<0.25			
Copper	$\mu g/m^3$	25	ND<0	ND<0	<0.25	ND<0.25	ND<0.25	ND<0.25			
ron	$\mu g/m^3$.25	ND<0.25	ND:	0.25	0.689	0.522	ND<0.25			
ead	μg/m ³	0.25	ND<0.25	NV	2.5	ND<0.25	ND<0.25	ND<0.25			
/agnesium	μg/m³	<0.25 *	0.353 *			0.922	0.883	0.657			
1anganese	1.5	ND<0.25	ND<0.25	.25	ND	ND<0.25	ND<0.25	ND<0.25			
Molybdenum	μg/m	ND<0.25	ND<0.25	0.25	ND<	ND<0.25	ND<0.25	ND<0.25			
lickel	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			
otassium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			
elenium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			
odium	μg/m³	1.26 *	1.03 *	7.00	6.90	5.45	4.78	3.07			
hallium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			
	,	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			
anadium	μg/m³ μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25			
linc	μg/III	ND~0.23	ND~0.23	1ND~0.25	ND~0.23	ND~0.23	ND~0.23	IND~0.23			

Notes:

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* = Target analyte was detected in the batch find J = analyte was detected. However, analyte company and the second of the $mg/m^3 = milligram$ per cubic meter $\mu g/m^3 = microgram$ per cubic meter

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DRAFT - DO NOT REPRODUCE Table 2 DRAFT - DO NOT REPRODUCE

Draft Outdoor Air Analytical Results Fruitland Magnesium Fire Maywood, Los Angeles County, California

Ex. 6 - Personal Privacy

ND<0.25

	Field Sample ID:	MWF-METALS-212	
	Sample Date:	7/2/2016	
	Laboratory Job		
	Number:	82955	
	Adult / Child /		
	Duplicate:		
Parameters	Units		
Hydrogen Cyanide / NIOSH-6010	mg/m³		
Metals / NIOSH-7303	(M)		
Aluminum	μg/m³	ND<0.25	
Antimony	μg/m³	ND<0.25	
	μg/m³	ND<0.25	
Ballus	$\mu g/m^3$	ND<0.25	
Beryllium	μg/m ³	ND<0.25	
Cadmium	μg/n	ND<0.25	
Calcium	μg	0.999	
Chro	Ц	VD<0.25	
		D<0.25	
	δ	€0.25	
Iron		0.25	
Lead	g/m ³	2.5	
Magnesia	µg/m³		
Manganese	$\mu g/m^3$	ND	
Molybdenum	μg/m³	ND<	
Nickel	μg/m³	ND<0.25	
Potassium	μg/m³	ND<0.25	
Selenium	μg/m³	ND<0.25	
Sodium	μg/m³	3.46	
Thallium	μg/m³	ND<0.25	
Vanadium	μg/m³	ND<0.25	

Zinc Notes:

Bold results exceed applicable limits for chara

ND<X = constituents(s) not detected at or about a Target analyte was detected in the batch find J = analyte was detected. However, analyte co

 $mg/m^3 = milligram per cubic meter$ $\mu g/m^3 = microgram per cubic meter$